

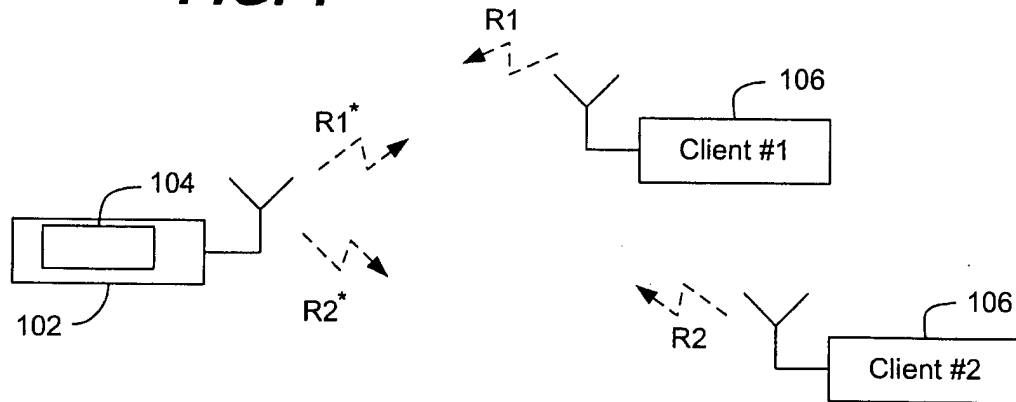
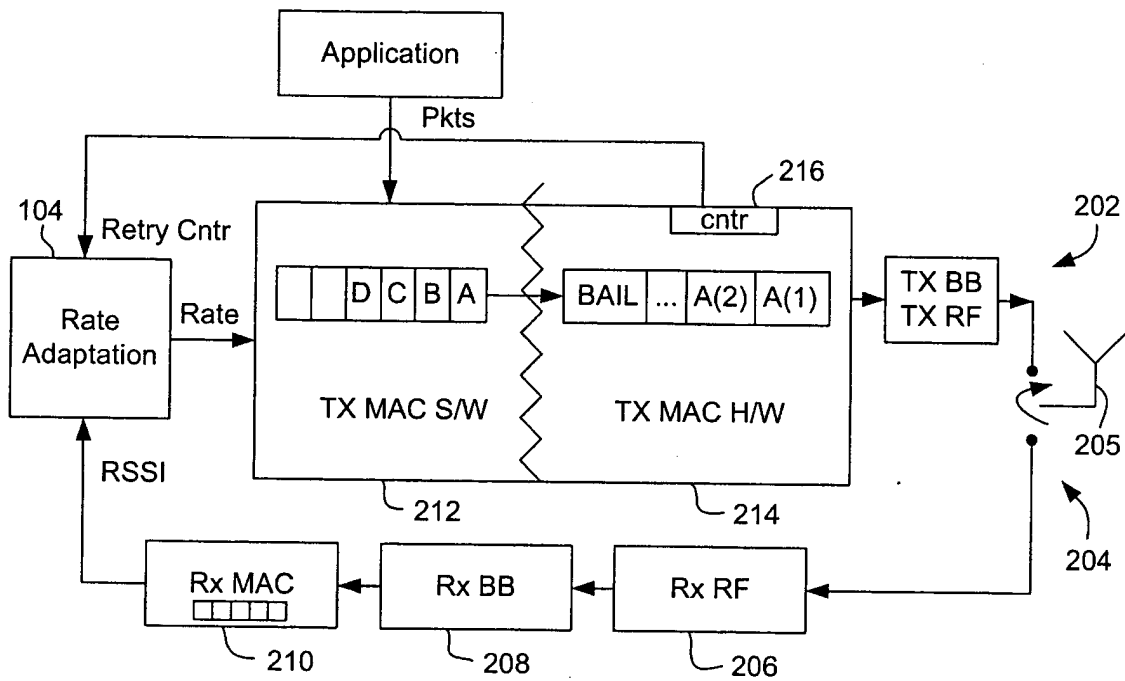
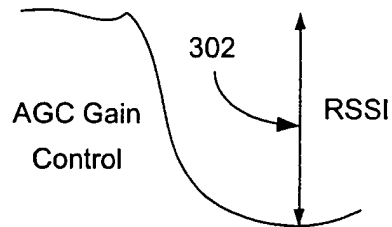
FIG. 1**FIG. 2**

FIG. 3**FIG. 4**

Data Rates (Mbps)	RSSI _{TH} (dB)
54	36
48	33
36	27
24	22
12	16
11	12
6	10

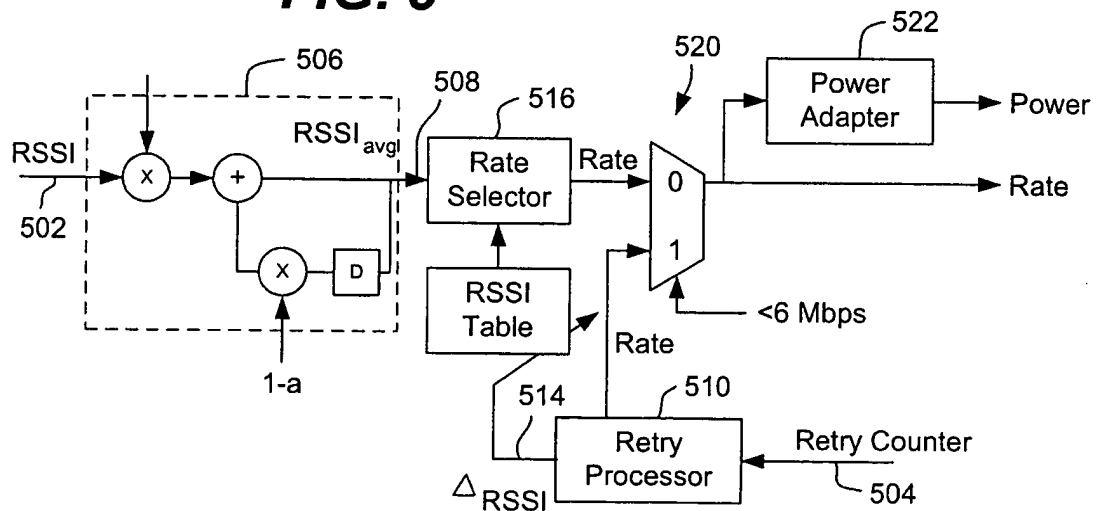
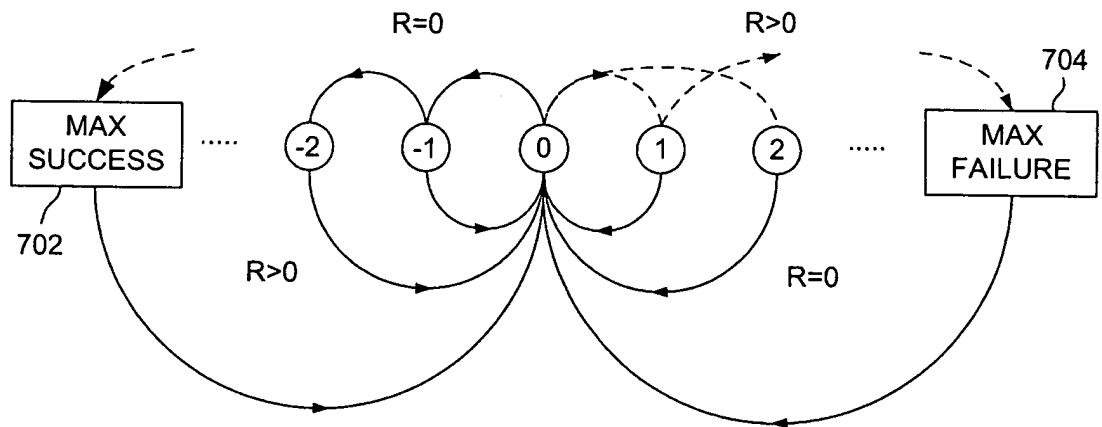
FIG. 5

FIG. 6

Data Rates (Mbps)	Confidence (dB)
54	-10
48	-7
36	-1
24	4
12	10
11	15
6	20

FIG. 7

R : Retry Cnt

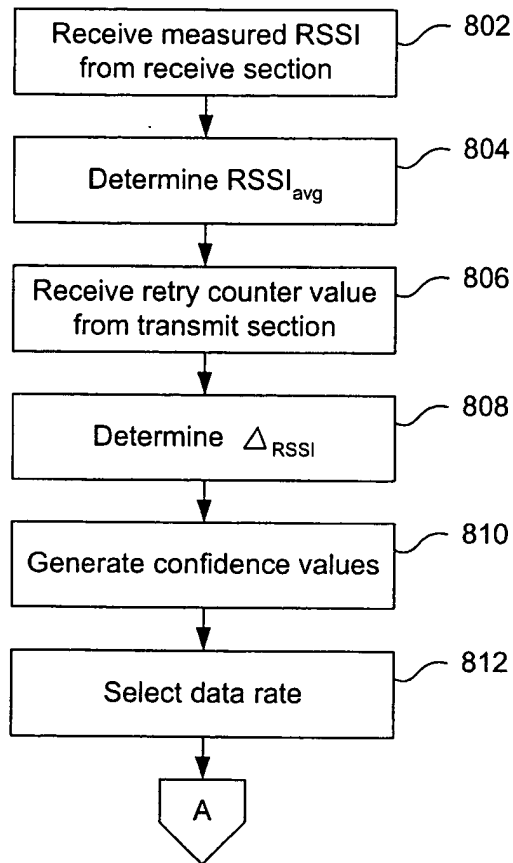
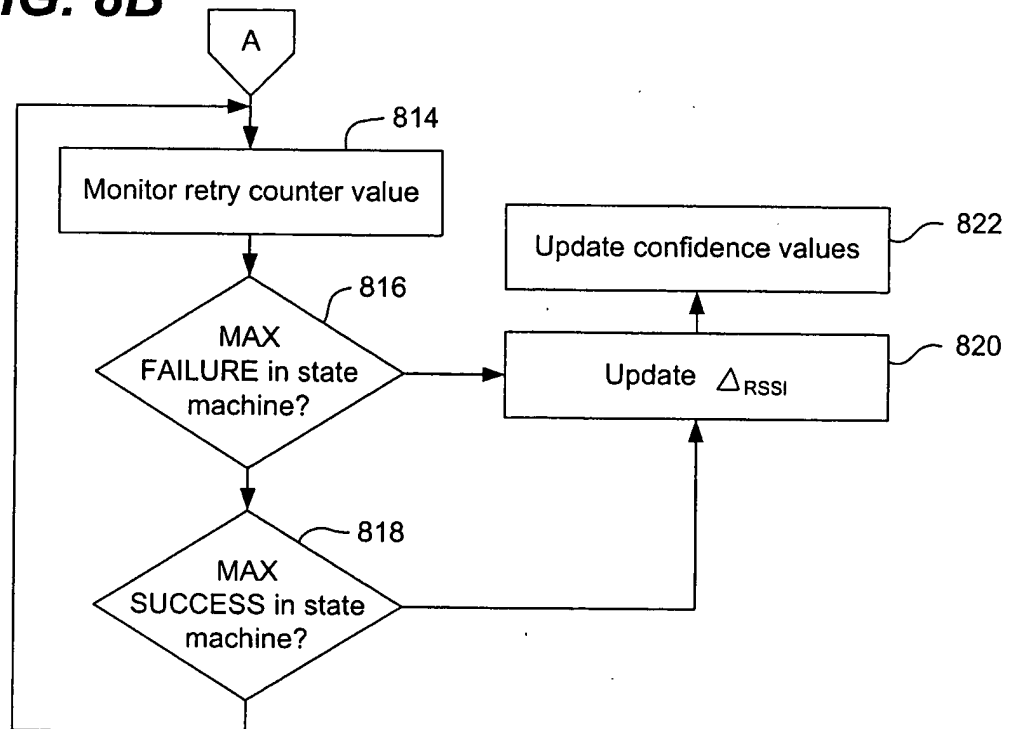
State = # of consecutive success or failure

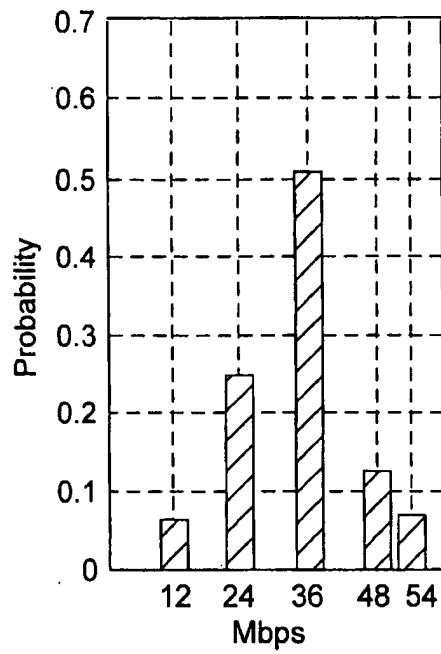
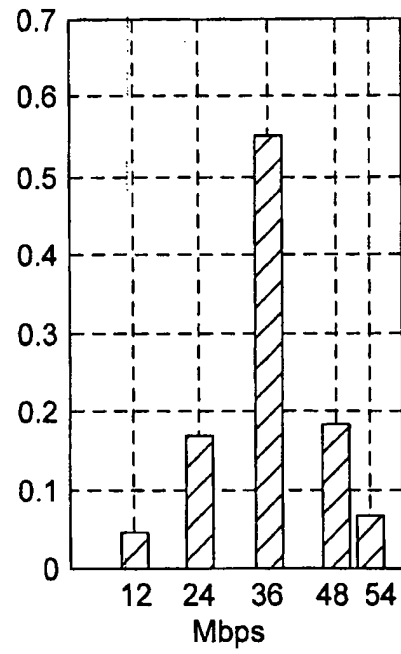
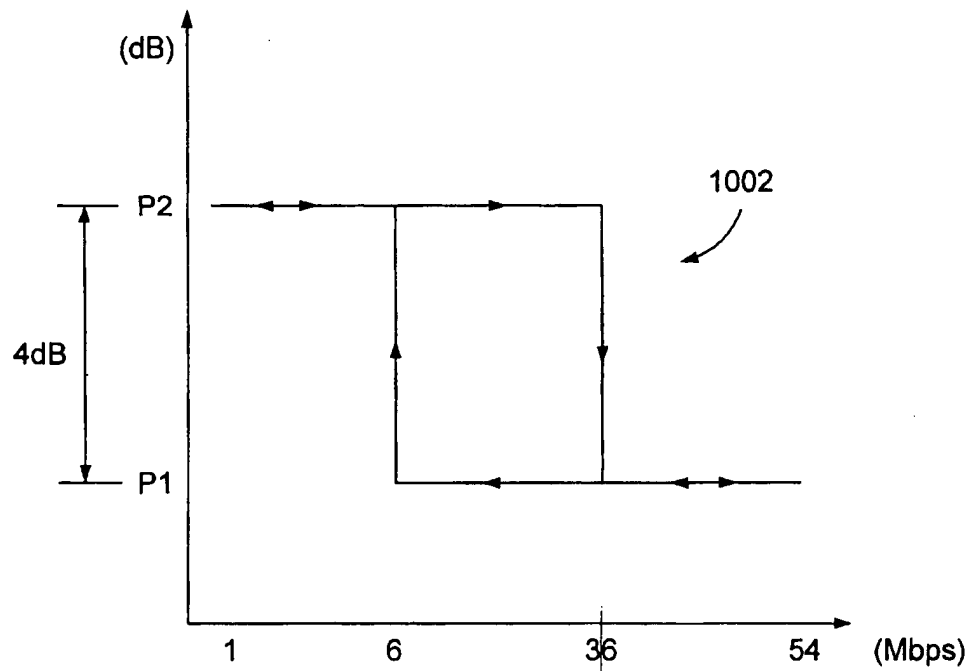
$$\Delta \text{RSSI} = \Delta \text{RSSI} - \Delta 1$$

IF (state == MAX SUCCESS)

$$\Delta \text{RSSI} = \Delta \text{RSSI} + \Delta 2$$

IF (state == MAX FAILURE)

FIG. 8A**FIG. 8B**

**FIG. 9A****FIG. 9B****FIG. 10**